



ARJENT Series



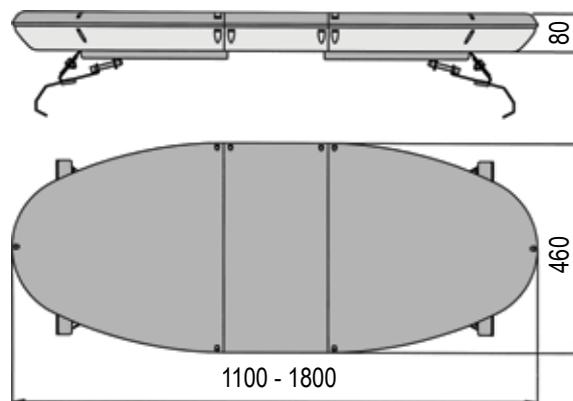
Federal Signal Vama presents **ARJENT Solaris Series**, a low profile LED aerodynamic design lightbar, equipped with the most advanced LED technology, the Solaris technology, inspired by the sun's rays providing exceptional wide angle of coverage.

- **360° LIGHT BEAM DISTRIBUTION.** Its advanced optical design and the elliptical shape of Arjent provide 360° coverage and significantly greater off-axis warning than traditional linear lightbars eliminating dark spots.

- **SOLARIS TECHNOLOGY.** Optical System with parabolic reflector composed by 3 Last generation LEDs.

- **ROC TECHNOLOGY (Reliable Onboard Circuitry).** ROC technology eliminates 85% of potential failure points in the lightbar, reducing repair costs and increasing the hours your emergency vehicles stay on the road. ROC incorporates a printed circuit board in one assembly to reduce the amount of electrical connections found in a typical lightbar.

- **CANBUS.** Communication systems between lightbar, siren (AS-320) and the controller head (BCT500 or BCT2000). This system minimizes wiring installation and allows customizing the lightbar without removing it of the vehicle.



Arjent Series dimensions (mm).

Voltage:	10-30V
Operating temperature:	-20 to +50° C
Current draw (average) per module in flash mode:	0.4 Amp (12V) / 0.25 Amp (24V)
Current draw (average) per module in cruise light mode:	0.05 Amp (12V) / 0.03 Amp (24V)
Current draw per module in steady burn:	0.4A (12V) / 0.25A (24V)
Colours of LEDs:	Amber, Blue and Red
Colours of lenses:	Base: Clear / Cover: Amber, Blue and Red
Dimensions:	1100 - 1800 x 460 x 80 mm
Weight:	According to model



REF.	MOD.	DESCRIPTION
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Specify All Options System

AJ11-AJ13	44" (1100 mm) Lightbar, all-light, wiring harness
AJ21-AJ23	53" (1350 mm) Lightbar, all-light, wiring harness
AJ31-AJ33	62" (1600 mm) Lightbar, all-light, wiring harness
AJ41-AJ43	71" (1800 mm) Lightbar, all-light, wiring harness

* Mounting is not kit included in price and must ordered separately

Priority Lights LEDs Solaris

AJ-SL	(16) modules of (3) high-intensity LEDs with parabolic reflector, blue (UN 65 approved) amber (UN R65 approved) or red light.
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Options - Secondary Lights - Lower Level (specify colour)

AJ-SLE	(1) modules of (3) high-intensity LEDs with parabolic reflector, blue, amber, red and white light
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* The function for each Solaris module must be specified when the lightbar and control head are ordered.
 ** Please contact your Sales Dept. for availability of configurations and versions.

Acoustic options - Center Section - Upper Level

2020269	AS320-12DIG CAN BUS	100W siren amplifier, international tones (wail, yelp, hi-lo), 1 auxiliary output programmed with Priority lights, wiring, 12V. Compatible only with BCT2000 and BCT500CB Series control heads
2020271	AS320-24DIG CAN BUS	100W siren amplifier, international tones (wail, yelp, hi-lo), 1 auxiliary output programmed with Priority lights, wiring, 24V. Compatible only with BCT2000 and BCT500CB Series control heads

Public address

8235984	AS320-PA CB	Public address kit with remote control. Volume and microphone functions control (for control head BCT2000)
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CAN BUS Control Head

BCT2006-XX	BCT2006	BCT2000 Series control head. 6 control keys.
BCT2010-XX	BCT2010	BCT2000 Series control head. 10 control keys.
BCT2015-XX	BCT2015	BCT2000 Series control head. 15 control keys.
BCT2021-XX	BCT2021	BCT2000 Series control head. 21 control keys.
8216160XX	BCT500CB	BCT500 Series control head. 13 control keys (public address included) * Please contact your Sales Dept. for availability.

Mount Accessories

	AJ-FB	Integrated search light for Arjent Series lightbar 12V
	AJ-FB-24	Integrated search light for Arjent Series lightbar 24V
8234144	AJ-FP	Permanent mounting kit
8234137		Hook-on mounting bracket (hook-on not included)
	AJ-FB	Metal mounting kits on bars (contact our sales department for available models)
	A-CT19	Roof connector, 19-ways

Converter CAN BUS - ANALOG

2006036		Inputs box to convert a CAN BUS lightbar in an analog system (the functions are activated through positive cable)
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